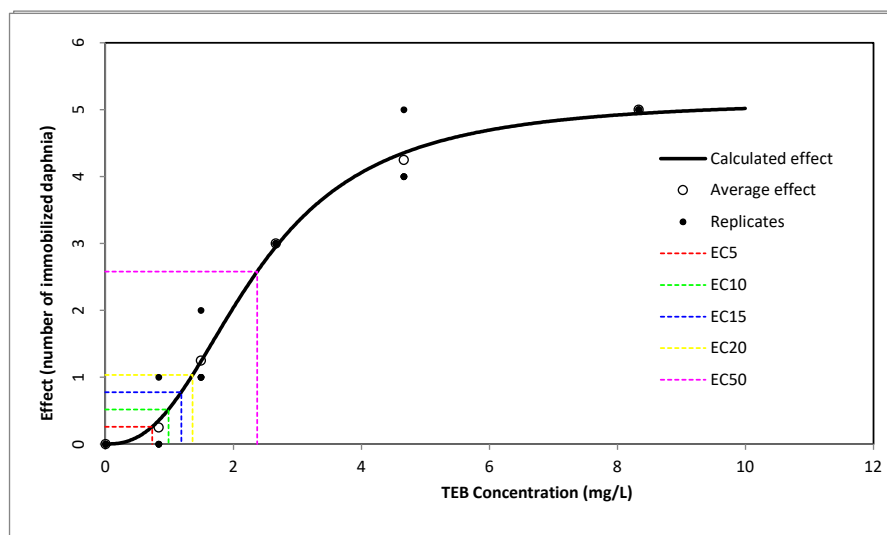


Bootstrap calculation of toxicity parameters

11.05.2023 19:11 Daphnia EC50 effect 48h exposure

Data sheet : Daphnia Regtox 48 h

Concentration	Average effect	Standard deviation	Nb replicates					
0	0	0	4	0	0	0	0	0
0,83	0,25	0,5	4	0	1	0	0	0
1,49	1,25	0,5	4	2	1	1	1	1
2,66	3	0	4	3	3	3	3	3
4,66	4,25	0,5	4	4	4	4	4	5
8,33	5	0	4	5	5	5	5	5



Calc. Parameters	Parameters values			Confidence intervals		500 Set of simulated Ys, replicates	
HILL	Optimal	Average	Median	< alpha =5	> alpha =5	< alpha =1	> alpha =1
0 No object : non adjusted parameter							
	2,502947519	2,504007362	2,502947569	1,819105864	3,022921085	1,616360247	3,197910309
	2,370349588	2,386764714	2,376816988	2,266146183	2,521183968	2,200393558	2,730052471
	5,153528455	5,171792055	5,153528214	4,967662334	5,48139596	4,967662334	5,766492367
EC5	0,730993166	0,729466136	0,730993152	0,511837989	0,897031665	0,440301031	0,941230357
EC10	0,985291857	0,983267539	0,985291839	0,780392498	1,148828506	0,700545162	1,188972831
EC15	1,185321585	1,183789867	1,185321569	0,98646912	1,338995814	0,922812402	1,374038219
EC20	1,362297641	1,361843916	1,362297654	1,174956799	1,502674103	1,118208289	1,53214848
EC50	2,370349588	2,386764714	2,376816988	2,266146183	2,521183968	2,200393558	2,730052471